

NIKHEYEV, V.V.; DUKHOVNIKOVA, L.M.; MOROZOVA, Ye.A.

Capillary and cavernous angiomas. Zhur. nerv. psich. 60
no. 4:440-446 '60. (MIRA 14:4)

1. Klinika nervnykh bolezney (zav. kafedroy - prof. V.V. Mikheyev)
Moskovskogo meditsinskogo stomatologicheskogo instituta.
(ANGIOMATOSIS)

MIKHEYEV, V.V.; DUKHOVNIKOVA, L.M.

Diffuse vasculitis as a basis for the development of encephalo-
myelitis from lupus erythematosus. Trudy 1-go MMi 24:71-76'63
(MIRA 17:3)

DUKHOVNYI, A.I., inzh. (Leningrad)

Automatic program control of an air-heat curtain. Vod. i san.
tekhn. no.2tl-3 F '64 (MIRA 18:2)

ACCESSION NR: AR-014425

S/0124/64/000/001/V013/V014

SOURCE: RZh. Mekhanika, Abs. 1V102

AUTHOR: Dukhovnyy, A. N.

TITLE: The criterion for the axial symmetry of the deformed states of circular and annular membranes reinforced by radial ribs

CITED SOURCE: Tr. Vses. n.-i. in-ta gidromashinostr., vyyp. 31, 1962, 64-68

TOPIC TAGS: circular membrane, reinforced loaded membrane, axially symmetric deformation

TRANSLATION: The weak sagging of a thin elastic membrane reinforced by radial ribs distributed symmetrically with respect to its middle has been investigated. The membrane is fastened at its contour and is evenly loaded by a distributed transverse load. The problem is solved approximately, using the energy method. The function of the sag is written in the form $W = W_A + W_B$ where W_A is the axially symmetric component, while W_B is the nonaxially symmetric component of the function. From the values of W_A and W_B one forms the quantity $m = W_B/W_A$ which characterizes the degree of departure from the axially symmetric state by the nonaxially

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ACCESSION NR: AR4014425

symmetric deformation. The author supplies the graph showing the change in m as function of the number of ribs. It follows from the graph that if the number of such ribs is larger than 8-10, the deformed state may, in most practical cases, be considered axially symmetric. An attempt is made to extend the results found with the fastened membrane and a uniformly distributed load to other cases fastened and loaded in a different manner. N. I. Krivosheev.

DATE ACQ: 18Feb64

SUB CODE: AP, MM

ENCL: 00

Cord 2/2

KORNEYeva, M.I., doktor tekhn. nauk, prof., red.; SKUGAREVA, I.G.,
kand. tekhn. nauk, dots., red.; DUKHOVNYI, A.S., inzh.,
red.; STARYKH, A.P., red.issd.-va; ORESHKINA, V.I., tekhn.red.

[Precision forging of parts from high-alloy steels and al-
loys] Tochnaia shtampovka detalei iz vysokolegirovannykh sta-
lei i splavov; sbornik statei. Moskva, Oborongiz, 1963. 128 p.

(MIRA 16:3)

(Forging)

MASLOV, Iosif Grigor'yevich[deceased]; FRIDYAND, A.A., kand. tekhn.
nauk, nauchnyy red.; DUKHOVNYY, F.D., red.; TRISHINA, L.A.,
tekhn. red.

[Leather manufacture]Kozhevennoe proizvodstvo. Izd.4., perer.
i dop. Moskva, Rostekhizdat, 1962. 330 p. (MIRA 15:11)
(Leather industry)

SHIROKOV, Pavel Petrovich; KAPUSTIN, Ivan Il'ich; DUKHOVNYY, F.N., red.;
SHAPENKOVA, T.A., tekhn.red.

[Machine for measuring areas of plane figures of arbitrary shapes]
Mashiny dlia izmerenija ploshchadej ploskikh figur proisvol'noi
formy. Moskva, Izd-vo nauchno-tekhn.lit-ry, 1960. 147 p.
(Area measurement) (MIRA 13:9)

SHUV, I.I.; IVANOV, N.N., retsensent; DUKHOVNYY, F.N., red.;
VINOGRADOVA, G.V., tekhn. red.

[General technology of footwear] Obshchaya tekhnologiya obuvi.
Izd.2., perer. i dop. Moskva, Gislegprom, 1963. 176 p.
(MIRA 16:7)
(Shoe manufacture)

ARONINA, Yuliya Naumovna; YEFREMOVA, Polina Yakovlevna; AFONSKAYA,
N.S., kand. tekhn. nauk, retsensent, ~~DUKHOVNYY, F.I.~~,
red.; ZOLOTAREVA, I.Z., tekhn. red.

[Technology of fur] Tekhnologiya nekha (spetsial'nye glavy).
Moskva, Gislegprom. 1963. 109 p. (MIRA 16:9)
(Fur)

FRIDLYAND, Aleksandr Adol'fovich; KUTOVSKIY, M.Ya., inzh.,
retsenzent; DUKHOVNYY, F.N., red.; BATIREVA, G.G.,
tekhn. red.

[Fundamentals of the mechanical technology of leather
manufacture] Osnovy mekhanicheskoi tekhnologii kozhi.
Moskva, Gialegprom, 1963. 261 p. (MIRA 16:12)
(leather industry)

MARAKUSHIEV, Ye.A.; OBLIZOV, A.I.; SAFRONOVA, I.V.; DUKHOVNYI, P.N.,
red.; SHAPENKOVA, T.A., tekhn.red.

[High-speed PMZ class 97 seamer] Skorostnaiia stachivaiushchais
shveinaiia mashina 97 klassa PMZ, Moskva, Gos.neuchno-tekhm.
izd-vo lit-ry po legkoi promyshlennosti, 1959. 69 p.

(MIRA 14:1)

(Sewing machines)

KOROLEV, L.A. [translator]; SHKOL'NIKOV, Ya.A., kand.tekhn.nauk, red.;
DUKHOVNYY, P.N., red.; KHAZIN, M.T., tekhn.red.

[Glass fibers; a follow-up of materials published by Compain-
General] Stekliane voelkno; po materialam firmy Kompen-Keral'.
Pod red. IA. A. Shkol'nikova. Moskva, Gos.sauchno-tekhn.izd-vo
lit-ry po legkoi promyshl., 1959. 73 p. (MIRA 13:6)
(France--Glass fibers)

OSTROVITYANOV, Emiliy Mikhaylovich; MELIN, Ivan Vasil'yevich; KIVROVA,
Ye.P., insh., rezensent; MIRAV'EV, M.I., insh., nauchnyy red.;
DUCHOVNYI, P.N., red.; KRAKIN, M.T., tekhn.red.

[Adjustment and regulation of basic shoe machinery] Tekhnolo-
gicheskaja regulirovka osnovnykh obuvnykh mashin. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po lektoi promyshl., 1959. 251 p.

(Shoe machinery)

(MIRA 13:5)

LIVINSON, Vol'f Naumovich, prof.; LAFUSTIN, I.I., prof., retsenszent;
DUKHOVNYY, F.N., red.; KHAKIN, M.T., tekhn.red.

[Construction and adjustment of shoe machinery] Ustroistvo i
nalsadka obuvnykh mashin. Izd.2., perer. i dop. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po lekkoi promyshl., 1959. 345 p.
(MIRA 13:4)
(Shoe machinery)

SMIRNOV, Leonid Stepanovich; LIPKOV, I.A., kand.tekhn.nauk, retsensent;
DUZHOVNYY, F.N., red.; SHAPENKOVA, T.A., tekhn.red.

[Circular multiple-latch knitting machines] Kruglotrikotazhnye
mnogozamochnye mashiny. Moskva, Izd-vo nauchno-tekhn.lit-ry
RSFSR, 1960. 93 p.
(MIRA 13:9)
(Knitting machines)

KOKLOV, Vyacheslav Nikolayevich; KLAIK, A.P., retsensent;
TURCHANOVSKAYA, L.P., retsensent; LEONIDOVА, I.S.,
nauchnyy red.; DUKHOVNYY, F.N., red.; SHAPENKOVA, T.A.,
tekhn.red.

[Design of women's dressmaker clothing made of striped
fabrics] Modelirovaniye zhenskogo lekogo plat'ia iz tkani
v polosku. Moskva, Izd-vo nauchno-tekhn.lit-ry RSPSR, 1961.
107 p.

(MIRA 15:2)

(Dressmaking)

KOL'TSOV, Stepan Kuz'mich; KAPUSTIN, Ivan Il'ich; MUKHANOV, P.Ya., re-tsentrant; NEBOL'SIN, A.M., retsentrant; DUKHOVNYY, P.N., red.; VINOGRADOVA, G.A., tekhn. red.

[Assembly of units and mechanisms of machinery and automatic machines] Sbornik uklon i mekhanizmov mashin i avtomatov. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1961. 377 p. (MIRA 14:12)
(Automation) (Assembly-line methods) (Machine-shop practice)

LIBERMAN, Abram Moiseyevich; GOLOVASTIKOV, A.A., retsentent; KALUSTOV, G.G.,
retsentent; DUKHOVNYI, F.N., red.; SHVETSOV, S.V., tekhn. red.

[Analysis of the economic operations of textile and light industry
enterprises] Analiz khosiaistvennoi deiatel'nosti predpriatii tekstil'-
noi i legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry
RSFSR, 1961. 278 p. (MIRA 14:8)
(Textile industry--Accounting) (Russia--Manufactures--Accounting)

MARKOV, Valentin Vasil'yevich; SUSLOV, Nikolay Nikolayevich; TRIFONOV,
Vadim Georgiyevich; ANDREYEV, V.V., retsenzent; ARIFKHANOV,
U.Kh., retsenzent; ARNO, A.A., retsenzent; DERBENEV, S.I.,
retsenzent; SHUSHKIN, A.A., retsenzent; MAKAYEV, V.S., nauchnyy
red.; DUKHOVNYY, F.N., red.; SHAPENKOVA, T.A., tekhn. red.

[Primary processing of bast fibers] Pervichnaya obrabotka bastei
bilykh volokon. Moskva, Gos. izd-vo "Rostekhizdat," 1961.
463 p. (MIRA 15:4)

(Textile fibers) (Textile machinery)

ZAK, Aron Faybyshovich; ASLANOVA, M.S., retsensent; IVANOVA, A. I.,
retsensent; DUKHOVNYY, F.N., red.; TRISHINA, L.A., tekhn.
red.

[Physicochemical properties of glass fibers] Fiziko-
khimicheskie svoistva steklianogo volokna. Moskva, Rostekh-
izdat, 1962. 224 p. (MIRA 15:11)
(Glass fibers)

VEYNBERG, Kal'man Lipmanovich; GURFINKEL', Isaak Yevgen'yevich[deceased];
KOTLYAR, Abram Yevseyevich; NOL'KEN, Maksimilian Petrovich;
ORLOV, Anatoliy Nikolayevich; KHERSONSKIY, Sergey Semenovich;
SHKOL'NIKOV, Yakov Abramovich; BROMLEY, P.V., retsenzent;
ZALIZNYAK, A.A., retsenzent; KISELEV, N.V., retsenzent; KLEGG,
D.I., retsenzent; SHVAQIREV, Ya.D., retsenzent; DUKHOVNYI, F.N.,
red.; TRISHINA, L.A., tekhn. red.

[Equipment and mechanization of glass factories] Oborudovanie i
mekhanizatsiya stekol'nykh zavodov. [By] K.L.Veinberg i dr. Mo-
skva, Rostekhnizdat, 1962. 451 p. diagrs. (MIRA 15:10)
(Glass—Equipment and supplies)

TEMKIN, Boris Semenovich; KITAYGORODSKIY, I.I., doktor tekhn. nauk,
prof., retsenzent; NOVIKOVA, A.P., retsenzent; SULIMENKO, M.V.,
retsenzent; DUKHOVNYY, F.N., red.; SHAPENKOVA, T.A., tekhn.red.

[Technology of glass and glass products] Tekhnologiya stekla i
stekloizdelii. Moskva, Rostekhizdat, 1962. 458 p.

(MIRA 16:3)

(Glass)

PARNIYEVA, Oktyabrina Vasil'yevna; TKACHENKO, Agnessa Iolevna;
PIMENOV, V.I., retsenszent; GONCHAROVA, I.V., red.;
DUKHOVNYI, F.N., red.

[Methods of glue assemblage of shoe upper parts] Metody
kleevoi sborki detalei verkha obuvi. Moskva, Izd-vo "Leg-
kaia industriia," 1964. 141 p. (MIRA 17:5)

OVCHINNIKOV, Semen Ivanovich; PUSHKIN, Pavel Semenovich; GRISHIN,
V.I., kand. tekhn. nauk, retsenzent; NOVIKOV, V.S., inzh.,
retsenzent; PLEMYANNIKOV, M.N., red.; DUKHOVNYY, F.N., red.

[Organization and planning of light industry enterprises] Or-
ganizatsiya i planirovanie predpriatii legkoi promyshlennosti.
Moskva, Izd-vo "Legkaia industriia," 1964. 275 p.
(MIRA 17:5)

SHVETS, Veniamin Israilevich; GOROKHOVSKIY, A.I., retsenzent;
KIVROVA, Ye.P., retsenzent; KRUGLOV, S.V., retsenzent;
DUKHOVNYIY, F.N., red.

[Hoisting and conveying machinery in light industry] Pod"-
emno-transportnye mashiny v legkoi promyshlennosti. Mo-
skva, Legkaia industriia, 1964. 290 p. (MIRA 17:10)

SEVOST'YANOV, Aleksey Grigor'yevich; YEFIMOV, Aleksey Vasil'yevich;
CONCHAROV, A.V., retsensent; DUKHOVNYY, F.N., red.

[Design, assembly, repair and adjustment of drawing and roving machines] Ustroistvo, montazh, remont i naladka lentochnykh i rovnykh mashin. Moskva, Izd-vo "Legkaia industriia," 1964. 317 p.
(MIRA 17:5)

KOTLYAR, Abram Yevseyevich; KROPOTOV, D.P., retsenzent; DUMHVNYY,
F.N. A red.

[Manufacture of glass containers] Froizvodstvo stekliannoi
tary. Moskva, Izd-vo "Legkaia industriia," 1964. 358 p.
(MIRA 17:8)

ANDRAS". "Ivanovich; BERSHEV, Yevgeniy Nikitich; POLONIK,
P.A., retsensent; DUKHOVNYY, F.N., red.

[Electrostatic nap coating of fabrics] Elektrostaticheskoe
vyskovanie. Moskva, Legkaiia industriia, 1965. 62 p.
(MIRA 18:3)

SADOV, F.I., doktor tekhn. nauk, prof.; CHAPLINA, N.D.; IVLIYEV, V.G.; LUK'YE, A.L.; ABEZGUZ, A.Ya.; DYNIN, F.M.; ESKIN, I.L.; VASIL'YEV, G.V.; GAL'PERIN, M.M., retsenzent; IL'INSKIY, N.S., retsenzent; MORYGANOV, P.V., doktor tekhn. nauk, prof., retsenzent; MOSHKIN, V.I., retsenzent; RUDAKOV, D.N., retsenzent; TSVETKOV, M.N., retsenzent; DUKHOVNYIY, F.N., red.

[Design and planning of finishing factories for the cotton industry] Proektirovaniye otdelochnykh fabrik khlopchato-bumazhnoi promyshlennosti. Moskva, Legkaia industriia, 1965. 355 p. (MIRA 18:7)

LEVINSON, Vol'f Nukhimovich, KAPUSTIN, I.I., prof., doktor tekhn.nauk,
retsensent: DUKHOVNYY, F.N., red.

[Arrangement and adjustment of shoe machinery] Ustroistvo
i naladka obuvnykh mashin. Izd.3., perer. i dop. Moskva,
Legkaya industriia, 1965. 395 p. (MIRA 18:3)

ROGANOV, Boris Ivanovich, doktor tekhn. nauk [deceased]; DZHABAROV,
Gafar Dzhabarovich, kand. tekhn. nauk; KOTOV, Dmitriy
Andreyevich, kand. tekhn.nauk; BALTABAYEV, Sultan Dusayevich,
kand. tekhn. nauk; SOLOV'IEV, Nikolay Dmitriyevich, inzh.;
DORMAN, I.M., retsenzent; DUKHOVNYY, F.N., red.; SOKOLOVA,
V.Ye., red.

[Primary processing of cotton] Pervichnaia obrabotka khlopka.
[By] B.I.Roganov i dr. Moskva, Legkaiia industriia, 1965.
485 p. (MIRA 18:12)

KRASNOV, Boris Yakovlevich; ZAYONCHKOVSKIY, A.D., prof., red.;
SUKHOVNTZ, F.M., red.

[New developments in the manufacture of footwear from polymers] Novoe v proizvodstve obuvi iz polimerov. Moscow, Legkaiia industriia, 1964. 52 p. (MIRA 18:9)

SOV/115-59-6-28/33

28(1,2)

AUTHOR: Dukhovnyy, G.E.

TITLE: The Automatic Overload Protection of Oscillograph Vibrators During Tensiometric Measurements

PERIODICAL: Izmeritel'naya tekhnika, 1959, № 6, p 71 (USSR)

ABSTRACT:

During tensiometric measurements of dynamic processes by loop oscillographs the vibrators of the latter may be damaged by overloads in case the transducer is destroyed or if the current feed to the transducer is interrupted. At UPNII, an automatic device was developed which interrupta the voltage feed to the vibrator from the amplifier within 0.4 seconds. This device consists of two relays (MKU-48 and RP-7 or RP-4), a circuit breaker, dry-cell batteries and a choke coil with an inductance of 0.3 to 0.5 henry. The arrangement of the relays is shown in a circuit diagram. In case several loop oscillographs are used, one relay RP-7 and one choke coil of 0.3 to 0.5 henry are required additionally for each vibrator. In order to avoid interference between the output transformer of the alternating current generator and the coil of the amplifier input transformer, the alternating and direct

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SOV/115-59-6-28/33

The Automatic Overload Protection of Oscillograph Vibrators During Tensiometric Measurements

current circuits are separated by capacitors. There is 1 circuit diagram.

Card 2/2

FAKHREYEV, I.A.; DUKHOVNYI, O.E.

Deep-well flowmeter with an inflated packer. Nefteprom.
deleno no. 5:18-20 '63. (MIRA 17:6)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

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APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041151C

DUKHOVNYI, I.B.

Developing students aptitude for science and technology.
Politekh.obuch. no.12:72-73 D '59. (MIRA 13:5)

1. Doroshnaya stantsiya stantsiya yunykh tekhnikov Yushnoy
zheleznoy dorogi, g.Khar'kov.
(Science clubs)

DUEHOVNY, I.M. [deceased].

General, polytechnic, and professional education. Politekh.obuch.
no.4:3-14 Ap '57. (MLRA 10:7)
(Education)

3/270/63/000/002/016/020
A001/A101

AUTHORS: Rabinovich, A. D., Dukhovnyy, I. Ya.

TITLE: The 3ГМ (EGM) electronic engraving machine

PERIODICAL: Referativnyy zhurnal, Geodeziya, no. 2, 1963, 32, abstract 2.52.231
("Tr. n.-i. in-t poligr. mashinostr.", 1961, no. 15, 27 - 48)

TEXT: The authors describe the EGM electronic engraving machine for producing stereotype blocks of drawings with a changed scale. The machine was developed by the Scientific-Research Institute of Polygraphic Machine Construction. A light beam pulsing at a frequency of 3 kc is projected onto the original image fixed on a rotating cylinder. A fluorescent lamp fed from a special generator serves as a light source. The light beam reflected from the original is incident on a photohead where it is converted into a proportional electric signal. This signal, after amplification, is fed into a diode limiter of black tone level by means of which the operator establishes the imprint contrast required; then it is fed into a three-band tone regulator which makes it possible to change independently the tonality of dark and bright sections of the imprint. From the

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S/270/63/000/002/016/020
A001/A101

The 3FM (EGM) electronic engraving machine

output of a corrector the signal passes through a matching cathode follower and phase-inverter stage to a two-half-period diode detector, where its low-frequency component, characterizing the tonality of the original, is singled out. The resulting signal is amplified in power and is fed to a magnetoelectric cutting mechanism. The cutter performs continuous oscillations with a constant amplitude and a raster frequency. The controlling signal shifts the medium line of cutter oscillations in dependence on the tonality of the original. Depressions are correspondingly formed on the surface of the treated stereotype block, whose depth is the greater the brighter is the tone of the original. A photoelectric system with a rotating transparent disk, on which black marks are drawn, serves as an indicator of raster frequency. The disk rotates synchronously with the guide screw of the machine table, which ensures the uniformity of the raster network on the stereotype block. The kinematic diagram and electric circuit of the machine as a whole and of its individual elements are described in detail.

V. D.

[Abstracter's note: Complete translation]

Card 2/2

DUKHOVNY, M. A.

DUKHOVNY, M. A. -- "A comparison of Double Singular Integrals." Dnepropetrovsk State U imeni 300th Anniversary of the Unification of the Ukraine with Russia. Dnepropetrovsk, 1955. (Dissertation for the Degree of Candidate in Physicomathematical Sciences)

SO: Knishnaya Letopis', No 1, 1956, pp 102-122, 124

DUKHOVNYI, M.A., kand. fiziko-matem. nauk

Integral property of double kernels. Sbor. nauch. trud. KGRI
no.7:312-316 '59. (MIRA 16:9)
(Integrals)

16.4.200

37582

S/044/62/000/004/013/099
C111/C444

AUTHOR: Dukhovnyy, M. A.

TITLE: On the question of the summability of double-series of Fourier-Lebesgue

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 15,
abstract 4B76. ("Sb. nauchn. tr. Krivorozhsk. gornorudn.
in-t," 1961, no. 10, 392-399)

TEXT: One gives sufficient conditions which the kernel
 $F_{t_1, t_2}(t_1, t_2)$ has to satisfy such that a function $f(x, y) \in L_p$, being
 2π -periodic, there follows from the relation

$$\lim_{m, n \rightarrow \infty} \iint_0^{\pi} \theta_{m, n}(t_1, t_2) \varphi_{x, y}(t_1, t_2) dt_1 dt_2 = 0,$$

where $\theta_{m, n}(t_1, t_2) \in L_q$, $\frac{1}{p} + \frac{1}{q} = 1$.

$$\varphi_{x, y}(t_1, t_2) = \frac{1}{4} [f(x+t_1, y+t_2) + f(x+t_1, y-t_2) + \\ + f(x-t_1, y+t_2) + f(x-t_1, y-t_2)].$$

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On the question of the summability ...
the relation

S/044/62/000/004/013/099
C111/C444

$$\lim_{\tau_1, \tau_2 \rightarrow 0} \int_0^T \int_0^T F_{\tau_1, \tau_2}(t_1, t_2) \varphi_{x,y}(t_1, t_2) dt_1 dt_2 = 0 .$$

[Abstracter's note: Complete translation.]

Card 2/2

DUKHOVNYY, M.A., kand. fiziko-matematicheskikh nauk (Krivoy Rog),
FAINSHTEIN, E.G., kand.tehn.nauk (Krivoy Rog)

Determination of the power of electric motors with a random
load. Elektrичество no.1:75-79 Ja '62. (MIRA 14:12)
(Electric motors)

DUKHOVNYY, M.A., kand. fiziko-matem. nauk, dotsent; FAYNSHTEIN, E.G.,
kand. tekhn. nauk, dotsent

Making dynamic systems equivalent. Sbor. nauch. trud. KGRI
no.13:137-139 '62. (MIRA 16:8)

(Dynamics)

24.2002

16.2400

AUTHORS:

Dukhovnyy, M.A. and Faynshteyn, E.G. (Krivoy Rog)

TITLE:

Calculation of transient processes

PERIODICAL:

Avtomatika i telemekhanika, v. 23, no. 6, 1952,
835-840

TEXT: A method of calculation of a transient process is given which is exact when the action function has the form of an algebraic polynomial. In other cases the method is approximate. The analysis is based on the relationship $X(p) = F(p) W(p)$, connecting the reaction function $x(t)$ and the action function $f(t)$, where $X(p)$ - Laplace transform of the reaction function $x(t)$, $F(p)$ - Laplace transform of the action function $f(t)$, $W(p)$ - transfer function of the system. Both cases of zero and non-zero initial conditions are considered. A generalized formula is deduced from which particular cases corresponding to various forms of the action approximation function $f(t)$ can follow. Examination of this formula and of the particular cases shows that for the evaluation of the transient

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DUKHOVNYY, M.A. (Krivoy Rog); FAYNSHTEYN, E.G. (Krivoy Rog)

Approximation of the input functions of linear dynamic ($m \times n$)
systems with constant parameters. Avtom. i telem. 24 no.8:
1084-1089 Ag '63. (MIRA 16:8)

(Automatic control)

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DUKHOVNY, M.A. (Krivoy Rog); FAYNSHTEYN, E.G. (Krivoy Rog)

Selection of the optimal structure of a digital automatic control system according to the criterion of conversion to TSyplkin's majority minimum. Izv. AN SSSR. Tekh. kib. no.1:158-160 Ja-F '65. (MIRA 18:4)

DUKHOVNY, M.A. (Krivoy Rog); FAYNSHTEYN, E.G. [Fainshtein, E.H.] (Krivoy Rog)

Evaluation of the optimum order of approximation of the input
function of a trigonometric polynomial. Avtomatyka 10 no.1:3-8
'65. (MIRA 18:6)

DUKHOVNYI, M.A. (Krivey Rog)

Extension of P.I. Romanovskii's theorem to a class of double
singular integrals. Ukr. mat. zhur. 17 no.2:111-114 '65.
(MIRA 18:5)

DOKHNOVNYI, M. D.

"Investigation and Selection of the Steel Framework for Main Open-Hearth Shop Building." Cand Tech Sci, Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev, Min Higher Education USSR, Moscow, 1955. (KL, No 12, Mar 55)

Sov. Sum. No 570, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

DUKHOVNYI, M.D., inshener.

Standard plan for the main building of an open hearth steel
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AUTHOR: Dukhovnyy, N.M., Engineer 135-12-12/17

TITLE: Melting Flux in a Metal Mould (Vyplavka flyusa v metallicheskem kokile)

PERIODICAL: Svarochnye Proizvodstvo, 1957, # 12, p 36-37 (USSR)

ABSTRACT: The article describes the design and work of a water-cooled 100-kg electric melting mould for pumice-like "OCH-45" flux, designed by the Electric Welding Institute imeni Ye.O. Paton (Institut elektrosvarki imeni Ye.O. Patona) and used by an unidentified plant. The temperature within the water jacket of the mould is kept at 250 - 300 °C by an automatic system with an electronic potentiometer ("ЭПД-17") actuating an electro-magnetic valve when the temperature in the jacket rises above 300 °C. The entire arrangement is illustrated by a diagram and a photograph. The mould is shown by a sectional drawing. The monthly flux production amounts to 8 tons.

There are 3 figures.

AVAILABLE: Library of Congress

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